Substitute for form 1449/PTO & 1449B/PTO

SECOND INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

| Sheet | 1 | of | 1 |
|-------|---|----|---|

| Complete it Known | | | | |
|----------------------|-----------------------|--|--|--|
| Application Number | 10/582,356 | | | |
| Filing Date | June 9, 2006 | | | |
| First Named Inventor | Keisuke Fukuda et al. | | | |
| Examiner Name | Rabon A. Sergent | | | |
| Attorney Docket No. | 1018793-000275 | | | |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|-------------------------------|--------------------------------|---|--|--|--|--|
| Examiner Initials | Document Number- Kind Code | Publication Date MM-DD-YYYY | Pages, Columns, Lines Where Relevant Passages or Figures Appear | | | | |
| | US- | | | | | | |
| | US- | | | | | | |
| | US- | | | | | | |
| | US- | | | | | | |
| | US- | | | | | | |
| | US- | | | | | | |
| | US- | | | | | | |
| | US- | | | | | | |
| | US- | | | | | | |
| | US- | | | | | | |

| · | FOREIGN PATENT DOCUMENTS | | | | | | | | | |
|--|---|---|--|---|--|--|---|---|---|--|
| Foreign Patent Document | Militari da Baranda da d | | STATUS | | | | | | | |
| Country Code ¹ , Number, Kind Code | Publication Date (MM-DD-YYYY) | Name of Patentee or Applicant of Cited Document | Translation | Partial Translation | Eng. Lang. Summary | Search Report | IPER | Abstract | | f in Spec. / j No(s) |
| JP 63-057626 A* | 03-12-1988 | Idemitsu Petrochem Co Ltd | | | | | | X* | Х | 3, 4 |
| JP 01-203421 A* | 08-16-1989 | Kuraray Co Ltd | | | | | | Χ* | Χ | 3, 4 |
| JP 06-220157 A* | 08-09-1994 | Idemitsu Petrochem Co Ltd | X* | | | | | X* | Х | 3, 4 |
| JP 07-102033 A* | 04-18-1995 | Hitachi Chem Co Ltd | X* | | | | | X* | Х | 3, 4 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | Country Code ¹ , Number, Kind Code JP 63-057626 A* JP 01-203421 A* JP 06-220157 A* JP 07-102033 A* | Country Code ¹ , Number, Kind Code JP 63-057626 A* JP 01-203421 A* JP 06-220157 A* JP 07-102033 A* O8-09-1994 O4-18-1995 | Country Code ¹ , Number, Kind Code Publication Date (MM-DD-YYYY) Idemitsu Petrochem Co Ltd JP 63-057626 A* JP 01-203421 A* JP 06-220157 A* JP 07-102033 A* Name of Patentee or Applicant of Cited Document Idemitsu Petrochem Co Ltd Idemitsu Petrochem Co Ltd Idemitsu Petrochem Co Ltd Hitachi Chem Co Ltd | Country Code¹, Number, Kind Code Publication Date (MM-DD-YYYY) Idemitsu Petrochem Co Ltd JP 01-203421 A* 08-16-1989 Kuraray Co Ltd Idemitsu Petrochem Co Ltd JP 06-220157 A* 08-09-1994 JP 07-102033 A* 04-18-1995 Hitachi Chem Co Ltd X* | Country Code¹, Number, Kind Code Publication Date (MM-DD-YYYY) Idemitsu Petrochem Co Ltd JP 01-203421 A* 08-16-1989 Kuraray Co Ltd Idemitsu Petrochem Co Ltd JP 07-102033 A* 04-18-1995 Hitachi Chem Co Ltd X* | Country Code¹, Number, Kind Code Publication Date (MM-DD-YYYY) Idemitsu Petrochem Co Ltd JP 01-203421 A* 08-16-1989 Kuraray Co Ltd Idemitsu Petrochem Co Ltd X* JP 07-102033 A* 04-18-1995 Hitachi Chem Co Ltd X* | Name of Patentee or Applicant of Cited Document Name of Patentee or Applicant Name of Patentee or Applicant Name of Patentee or Applicant | Country Code¹, Number, Kind Code Publication Date (MM-DD-YYYY) Idemitsu Petrochem Co Ltd JP 01-203421 A* 08-09-1994 Name of Patentee or Applicant of Cited Document Name of Patentee or Applicant of Cited Document Idemitsu Petrochem Co Ltd Idemitsu Petrochem Co Ltd X* JP 06-220157 A* O8-09-1994 Name of Patentee or Applicant of Cited Document Name of Patentee or Applicant of Cited Document Idemitsu Petrochem Co Ltd X* Name of Patentee or Applicant of Cited Document Idemitsu Petrochem Co Ltd X* | Name of Patentee or Applicant of Cited Document | Country Code¹, Number, Kind Code Publication Date (MM-DD-YYYY) Idemitsu Petrochem Co Ltd Idemitsu P |

Enter Office that issued the document, by the two-letter code

| NON-PATENT LITERATURE DOCUMENTS | | | | | |
|---------------------------------|---|--|--|--|--|
| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| *Conv. ott | | | | | |

*Copy attached.

| Examiner Signature | Date Considered | |
|-----------------------|--------------------|--|
| +EVALUED | | |